

GasAlert MaxXT

1, 2, 3, and 4-Gas Detector

Operator's Manual

BW
Technologies
by Honeywell

and

Technical Reference Guide

BW
Technologies
by Honeywell

BW GasAlertMax XT

CALIBRATION PROCEDURES

GasAlertMax XT

Operator's Manual

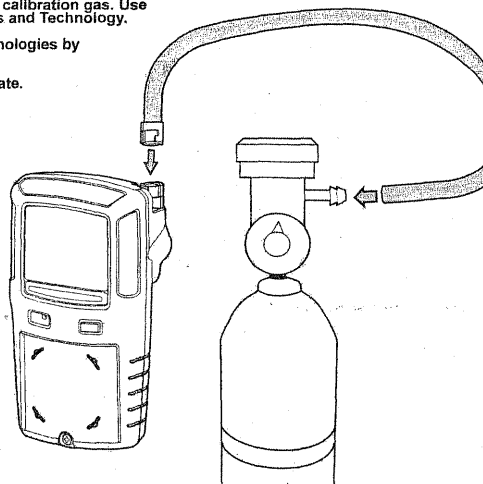
Connecting the Gas Cylinder to the Detector

Gas Cylinder Guidelines

- To ensure accurate calibration, use a premium-grade calibration gas. Use gases approved by the National Institute of Standards and Technology.
- If a certified calibration is required, contact BW Technologies by Honeywell.
- Do not use a gas cylinder that is past its expiration date.

Gas Cylinder Connection

1. Verify the calibration gas being used matches the span concentration value(s) that are set for the detector.
2. Connect the calibration hose to the demand flow regulator on the gas cylinder.
3. Begin the calibration procedures.
4. When **AUTO-SPAN** displays, attach the hose quick connector to the pump quick connector.
5. When calibration is complete, disconnect the hose from the detector and the demand flow regulator.
6. Ensure the gas cylinder is stored according to manufacturer's specifications.



GasAlertMax XT
Calibration

Calibration

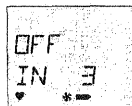
⚠ Caution

Calibrate only in a safe area that is free of hazardous gas. Do not calibrate the detector during or immediately after charging is complete.

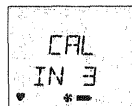
Note

The maximum hose length for calibration is 3 ft. (1 m).

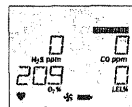
1. Press and hold as the detector performs the **OFF** countdown. Continue to hold when the detector briefly deactivates.



2. The detector activates again and performs the **CAL** countdown. Continue to hold until the countdown is complete to enter calibration.



3. **AUTO-ZERO** flashes while the detector zeroes all of the sensors. If a sensor fails to auto zero, it cannot be spanned. When auto zero is complete, the LCD displays **APPLY GAS**.

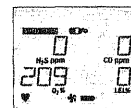


4. Refer to Connecting the Gas Cylinder to the Detector (page 7). Attach the demand flow regulator and apply gas.

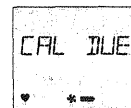
Note

The diffusion cover must be attached to the detector to calibrate.

flashes on the LCD. After a sufficient amount of gas has been detected (30 seconds), the detector beeps. **AUTO-SPAN** flashes while the detector completes the span.



The LCD displays **CAL DUE**. Next, a screen displays showing the number of days remaining before calibration is due for each sensor. Last, the LCD displays (e.g.) **CAL DUE 180 d**. As some sensors require more frequent calibrations, the LCD displays the earliest calibration that must be performed.



Note

Calibration can be aborted at any time. To abort calibration, press . The **CAL ABORTED** screen displays.

Note: Calibrate unit every 30 days. Place sticker on side of unit indicating: Cal. Date:, Cal. By:, Next Cal. Due :